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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3 JAN 16 CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN
NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6 JAN 22 CA/CAPLUS updated with revised CAS roles
NEWS 7 JAN 22 CA/CAPLUS enhanced with patent applications from India
NEWS 8 JAN 29 PHAR reloaded with new search and display fields
NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers
NEWS 11 FEB 15 RUSSIAPAT enhanced with pre-1994 records
NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13 FEB 26 MEDLINE reloaded with enhancements
NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field
NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE
NEWS 16 FEB 26 IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19 MAR 16 CASREACT coverage extended
NEWS 20 MAR 20 MARPAT now updated daily
NEWS 21 MAR 22 LWPI reloaded
NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 23 MAR 30 INPADOCDB will replace INPADOC on STN
NEWS 24 APR 02 JICST-EPLUS removed from database clusters and STN

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:54:37 ON 24 APR 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:54:53 ON 24 APR 2007

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STRUCTURE FILE UPDATES: 22 APR 2007 HIGHEST RN 931834-80-9

DICTIONARY FILE UPDATES: 22 APR 2007 HIGHEST RN 931834-80-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

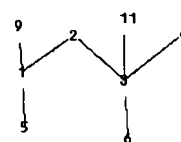
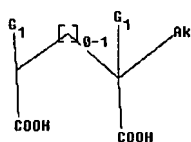
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=>

Uploading C:\Program Files\Stnexp\Queries\Franco\a.str



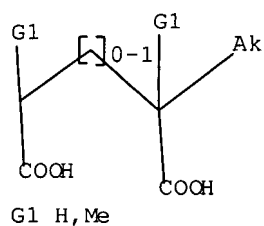
chain nodes :
 1 2 3 4 5 6 9 11
 chain bonds :
 1-2 1-5 1-9 2-3 3-4 3-6 3-11
 exact/norm bonds :
 1-9 3-4 3-11
 exact bonds :
 1-2 1-5 2-3 3-6

G1:H,CH3

Match level :
 1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 9:CLASS 11:CLASS
 Element Count :
 Node 4: Limited
 C,C1-2

L1 STRUCTURE UPLOADED

=> d
 L1 HAS NO ANSWERS
 L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 10:55:16 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 32734 TO ITERATE

6.1% PROCESSED 2000 ITERATIONS 30 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 643864 TO 665496
PROJECTED ANSWERS: 8491 TO 11149

L2 30 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 10:55:45 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 651880 TO ITERATE

93.7% PROCESSED 611026 ITERATIONS 8348 ANSWERS
100.0% PROCESSED 651880 ITERATIONS 8578 ANSWERS
SEARCH TIME: 00.00.24

L3 8578 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	172.55	172.76

FILE 'CAPLUS' ENTERED AT 10:56:17 ON 24 APR 2007

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FILE COVERS 1907 - 24 Apr 2007 VOL 146 ISS 18

FILE LAST UPDATED: 23 Apr 2007 (20070423/ED)

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<http://www.cas.org/infopolicy.html>

=> s l3 and (influenza or vaccine)

13702 L3

23463 INFLUENZA

10 INFLUENZAS

23469 INFLUENZA

(INFLUENZA OR INFLUENZAS)

61481 VACCINE

62394 VACCINES

76709 VACCINE

(VACCINE OR VACCINES)

L4 23 L3 AND (INFLUENZA OR VACCINE)

=> s l3 and (influenza and vaccine)

13702 L3

23463 INFLUENZA

10 INFLUENZAS

23469 INFLUENZA

(INFLUENZA OR INFLUENZAS)

61481 VACCINE

62394 VACCINES

76709 VACCINE

(VACCINE OR VACCINES)

L5 3 L3 AND (INFLUENZA AND VACCINE)

=> s l3 and (influenza or vaccine) and @py<1999

'1999' NOT A VALID FIELD CODE

13702 L3

23463 INFLUENZA

10 INFLUENZAS

23469 INFLUENZA

(INFLUENZA OR INFLUENZAS)

61481 VACCINE

62394 VACCINES

76709 VACCINE

(VACCINE OR VACCINES)

0 @PY<1999

L6 0 L3 AND (INFLUENZA OR VACCINE) AND @PY<1999

=> s l3 and (influenza or vaccine) and py<1999

13702 L3

23463 INFLUENZA

10 INFLUENZAS

23469 INFLUENZA

(INFLUENZA OR INFLUENZAS)

61481 VACCINE

62394 VACCINES

76709 VACCINE

(VACCINE OR VACCINES)

19187423 PY<1999

=> d ibib abs ed hitstr 1-4

L7 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:958459 CAPLUS Full-text

DOCUMENT NUMBER: 124:7065

TITLE: Biochemically active agents for chemical catalysis and cell receptor activation

INVENTOR(S): Kossovsky, Nir; Sponsler, Edward; Gelman, Andrew; Rajguru, Samir

PATENT ASSIGNEE(S): The Regents of the University of California, USA

SOURCE: U.S., 13 pp. Cont.-in-part of U.S. 5,334,394.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 10

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5460830	A	19951024	US 1993-145870	19931101 <--
US 5219577	A	19930615	US 1990-542255	19900622 <--
US 5178882	A	19930112	US 1991-690601	19910424 <--
JP 05255111	A	19931005	JP 1991-178805	19910624 <--
JP 2932406	B2	19990809		
US 5334394	A	19940802	US 1993-199	19930104 <--
US 5462750	A	19951031	US 1994-225100	19940408 <--
CA 2174244	A1	19950511	CA 1994-2174244	19941031 <--
WO 9512392	A1	19950511	WO 1994-US12515	19941031 <--

W: CA, JP

RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

EP 726767 A1 19960821 EP 1995-901094 19941031 <--

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE

JP 09504790 T 19970513 JP 1994-513349 19941031 <--

PRIORITY APPLN. INFO.:

US 1990-542255 A2 19900622

US 1991-690601 A2 19910424

US 1993-199 A2 19930104

US 1993-986 B1 19930106

US 1993-145870 A 19931101

US 1993-146536 A 19931101

US 1993-147751 A 19931104

WO 1994-US12515 W 19941031

AB A biol. active composition made up of core particles or surfaces which are coated with a layer which is designed to allow attachment of biochem. reactive pairs (BRP's) without denaturing the BRP to the microparticles. BRP's which may be attached include ligand-receptor pairs, enzyme-substrate pairs, drug-receptor pairs, catalyst-reactant pairs, toxin-ligand pairs, absorbant-absorbate pairs and adsorbent-adsorbate pairs. In example, particles of tin oxide, ruthenium oxide, and silicon dioxide were prepared Prepared nanocryst. tin oxide was used for preparation, isolation and adsorption of human serum transferrin proteins, for preparation of Epstein-Barr virus decoy for eliciting antibodies, and for preparation of HIV membrane antigen decoys as vaccines.

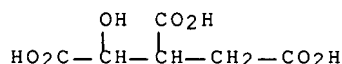
ED Entered STN: 02 Dec 1995

IT 320-77-4, Isocitric acid

RL: MOA (Modifier or additive use); USES (Uses)

(particle surface modified with; biochem. reactive pairs binding to; biochem. active agents for chemical catalysis and cell receptor activation)

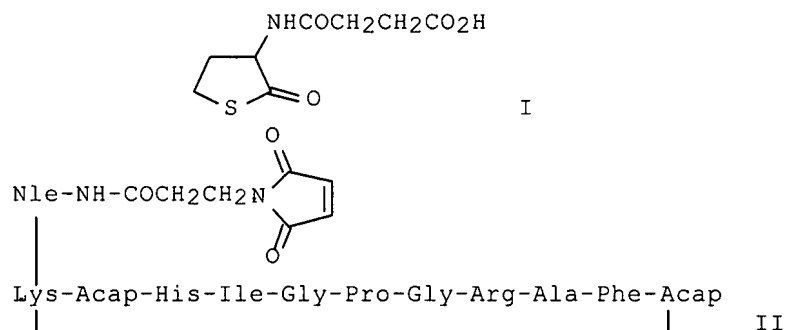
RN 320-77-4 CAPLUS
CN Pentaric acid, 3-carboxy-2,3-dideoxy- (CA INDEX NAME)



L7 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:656330 CAPLUS Full-text
DOCUMENT NUMBER: 121:256330
TITLE: Preparation of acidic derivatives of homocysteine
thiolactone and their use for preparation of AIDS
vaccines.
INVENTOR(S): Tolman, Richard L.; Marburg, Stephen; Leanza, William
J.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: U.S., 12 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5274122	A	19931228	US 1992-963324	19921015 <--
PRIORITY APPLN. INFO.:			US 1992-963324	19921015

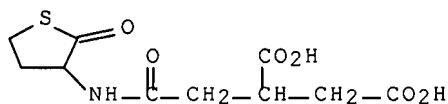
GI



AB Homocysteine thiolactone derivs. in which the nitrogen is acylated with groups containing acidic functionalities have been synthesized; these include the succinyl, the carboxymethylglutaryl, the 3-phosphonopropionyl and the 3-sulfopropionyl derivs. These thiolactones can be used to introduce a thiol functionality into proteins such as the outer membrane protein complex of *Neisseria meningitidis* (OMPC) allowing conjugation with electrophilic ligands. This chemical is similar to known N-acetylhomocysteine thiolactone chemical, but the pKa values are such that at pH 7, concomitant neg. charge is introduced into the conjugate. Such neg. charge neutralizes excess pos.

charge introduced when arginine- and lysine-rich peptides are bonded as ligands. In the case of OMPC, introduction of pos. charge commonly effects irreversible precipitation of the conjugate. Conjugates prepared with the anionic thiolactones have improved solubility E.g., DL-N-succinylhomocysteine thiolactone (I) (prepared by succinylation of DL-homocysteine thiolactone hydrochloride with succinic anhydride) was reacted with OMPC of Neisseria meningitidis and the resulting protein further reacted with maleimidopropionyl derivative of the cyclic peptide II (preparation given).

ED Entered STN: 26 Nov 1994
 IT 157280-18-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of, for thiolation of outer membrane protein complex of
 Neisseria meningitidis)
 RN 157280-18-7 CAPLUS
 CN Butanedioic acid, [2-oxo-2-[(tetrahydro-2-oxo-3-thienyl)amino]ethyl]-
 (9CI) (CA INDEX NAME)



L7 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 1994:555744 CAPLUS Full-text
 DOCUMENT NUMBER: 121:155744
 TITLE: HIV peptide conjugated via anionic spacer to protein
 as vaccine
 INVENTOR(S): Tolman, Richard L.; Marburg, Stephen; Leanza, William
 J.; Lombardo, Victoria K.
 PATENT ASSIGNEE(S): Merck and Co., Inc., USA
 SOURCE: Brit. UK Pat. Appl., 73 pp.
 CODEN: BAXXDU
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2271995	A	19940504	GB 1993-20943	19931012 <--
PRIORITY APPLN. INFO.:			US 1992-963327	A 19921015

OTHER SOURCE(S): MARPAT 121:155744

AB Peptide-protein conjugate vaccines having anionic spacers for connecting the peptide and protein moieties are water-soluble and may be used for immunizing mammals. A process for making such conjugates includes the option of using a detergent to maintain solubility during conjugation. The conjugate specifically comprises the outer membrane protein complex (OMPC) of Neisseria meningitidis b as the protein carrier and a principal neutralizing determinant of the human immunodeficiency virus as the peptidyl epitope linked by the anionic spacer. Thus, N-(3-bromopropionyl)homocysteine thiolactone was prepared from homocysteine thiolactone hydrochloride and 3-bromopropionyl chloride, and used as anionic spacer for linking HIV peptide and OMPC (isolation described).

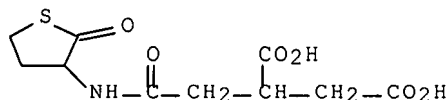
ED Entered STN: 01 Oct 1994
 IT 157280-18-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and reaction of, for preparing HIV vaccine)

RN 157280-18-7 CAPLUS

CN Butanedioic acid, [2-oxo-2-[(tetrahydro-2-oxo-3-thienyl)amino]ethyl]-
(9CI) (CA INDEX NAME)



L7 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1955:69562 CAPLUS Full-text

DOCUMENT NUMBER: 49:69562

ORIGINAL REFERENCE NO.: 49:13355a-b

TITLE: Development of influenza virus and pH of the
allantoic fluid of embryonated eggs. IV. Inhibiting
action of acid substances

AUTHOR(S): Fauconnier, B.

CORPORATE SOURCE: Inst. Pasteur, Paris

SOURCE: Ann. inst. Pasteur (1955), 89, 101-10

DOCUMENT TYPE: Journal

LANGUAGE: Unavailable

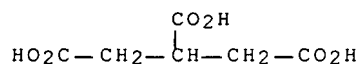
AB cf. C.A. 49, 7043h. Lactic, oxalic, succinic (I), adipic, pimelic, cis-maleic, trans-fumaric, tartaric, citric, aconitic (II), and tricarballic (III) acids and NH4Cl (IV) were tested for their inhibiting effect on the multiplication of influenza-A virus PRB in embryonated eggs and for their effect on the pH of the allantoic fluid of noninfected embryonated eggs. The two phenomena were parallel. All substances inhibited the multiplication but to different extents. I, II, and III were most effective; IV had good inhibitory action due to its less rapid but more durable acidification.

ED Entered STN: 22 Apr 2001

IT 99-14-9, Tricarballic acid
(effect on influenza virus and pH of allantoic fluids)

RN 99-14-9 CAPLUS

CN 1,2,3-Propanetricarboxylic acid (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 10:54:37 ON 24 APR 2007)

FILE 'REGISTRY' ENTERED AT 10:54:53 ON 24 APR 2007

L1 STRUCTURE UPLOADED

L2 30 S L1

L3 8578 S L1 FULL

FILE 'CAPLUS' ENTERED AT 10:56:17 ON 24 APR 2007

L4 23 S L3 AND (INFLUENZA OR VACCINE)
L5 3 S L3 AND (INFLUENZA AND VACCINE)
L6 0 S L3 AND (INFLUENZA OR VACCINE) AND @PY<1999
L7 4 S L3 AND (INFLUENZA OR VACCINE) AND PY<1999

=> d ibib 1-23 14

L4 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:1013028 CAPLUS Full-text
DOCUMENT NUMBER: 146:41643
TITLE: Suppression of the biosynthesis of cellular
sphingolipids results in the inhibition of the
maturation of influenza virus particles in
MDCK cells
AUTHOR(S): Hidari, Kazuya I. P. J.; Suzuki, Yasuo; Suzuki,
Takashi
CORPORATE SOURCE: Department of Biochemistry, School of Pharmaceutical
Sciences, Core Research for Evolutional Science and
Technology (CREST), Japan Science and Technology
Corporation, University of Shizuoka, 52-1 Yada,
Suruga-ku, Shizuoka, Shizuoka, 422-8526, Japan
SOURCE: Biological & Pharmaceutical Bulletin (2006), 29(8),
1575-1579
CODEN: BPBLEO; ISSN: 0918-6158
PUBLISHER: Pharmaceutical Society of Japan
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:763418 CAPLUS Full-text
DOCUMENT NUMBER: 145:195587
TITLE: Antiviral activity from medicinal mushrooms
INVENTOR(S): Stamets, Paul
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 14pp., Cont.-in-part of U.S.
Ser. No. 145,679.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006171958	A1	20060803	US 2006-386402	20060322
US 2005238655	A1	20051027	US 2005-29861	20050104
US 2005276815	A1	20051215	US 2005-31699	20050106
PRIORITY APPLN. INFO.:			US 2004-534776P	P 20040106
			US 2005-29861	A2 20050104
			US 2005-145679	A2 20050606

L4 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:641099 CAPLUS Full-text
DOCUMENT NUMBER: 145:57337
TITLE: Sex-related differences in the immune response of

weanling piglets exposed to low doses of fumonisin extract

AUTHOR(S): Marin, Daniela E.; Taranu, Ionelia; Pascale, Florentina; Lionide, Alexandru; Burlacu, Radu; Bailly, Jean-Denis; Oswald, Isabelle P.

CORPORATE SOURCE: Laboratoire de Pharmacologie-Toxicologie, UR 66, Institut National de la Recherche Agronomique, Toulouse, Fr.

SOURCE: British Journal of Nutrition (2006), 95(6), 1185-1192
CODEN: BJNUAV; ISSN: 0007-1145

PUBLISHER: CABI Publishing

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:119796 CAPLUS Full-text

DOCUMENT NUMBER: 144:198872

TITLE: Microprojection devices with coatings for enhancing transdermal agent flux

INVENTOR(S): Wong, Patrick S. L.; Daddona, Peter

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 17 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006030811	A1	20060209	US 2004-910915	20040803
PRIORITY APPLN. INFO.:			US 2004-910915	20040803

L4 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:614580 CAPLUS Full-text

DOCUMENT NUMBER: 143:139175

TITLE: Frequency-assisted transdermal agent delivery method and system

INVENTOR(S): Chan, Keith T.; Cormier, Michel J. N.; Lin, WeiQi

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 24 pp.
CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005153873	A1	20050714	US 2004-971441	20041021
AU 2004314416	A1	20050804	AU 2004-314416	20041021
WO 2005069758	A2	20050804	WO 2004-US34923	20041021

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

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 EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
 SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
 SN, TD, TG

PRIORITY APPLN. INFO.: US 2004-535275P P 20040109
 WO 2004-US34923 W 20041021

L4 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2005:453660 CAPLUS Full-text

DOCUMENT NUMBER: 143:13290

TITLE: Ultrasound assisted transdermal vaccine
 delivery method

INVENTOR(S): Cormier, Michel J. N.; Lin, Weiqi; Widera, Georg

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 27 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005112135	A1	20050526	US 2004-971338	20041021
AU 2004292953	A1	20050609	AU 2004-292953	20041021
CA 2546723	A1	20050609	CA 2004-2546723	20041021
WO 2005051455	A2	20050609	WO 2004-US35015	20041021
WO 2005051455	A3	20060413		

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 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
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 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
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 MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
 RU, TJ, TM

EP 1686904 A2 20060809 EP 2004-819508 20041021

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR

CN 1905842 A 20070131 CN 2004-80040535 20041021

BR 2004016822 A 20070306 BR 2004-16822 20041021

PRIORITY APPLN. INFO.: US 2003-524062P P 20031121
 WO 2004-US35015 W 20041021

L4 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:878302 CAPLUS Full-text

DOCUMENT NUMBER: 141:360694

TITLE: Combination therapy using an 11 β -hydroxysteroid
 dehydrogenase type 1 inhibitor and an antihypertensive
 agent for the treatment of metabolic syndrome and
 related diseases and disorders

INVENTOR(S): Kampen, Gita Camilla Tejlgaard; Andersen, Henrik Sune

PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.

SOURCE: PCT Int. Appl., 297 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 7
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004089416	A2	20041021	WO 2004-DK254	20040406
WO 2004089416	A3	20050303		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1615666	A2	20060118	EP 2004-725887	20040406
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR			
JP 2006522750	T	20061005	JP 2006-504357	20040406
US 2006111348	A1	20060525	US 2005-254125	20051011
PRIORITY APPLN. INFO.:			DK 2003-565	A 20030411
			DK 2003-566	A 20030411
			DK 2003-567	A 20030411
			DK 2003-569	A 20030411
			DK 2003-570	A 20030411
			DK 2003-571	A 20030411
			US 2003-467284P	P 20030502
			US 2003-467362P	P 20030502
			US 2003-467363P	P 20030502
			US 2003-467437P	P 20030502
			US 2003-467453P	P 20030502
			US 2003-467800P	P 20030502
			DK 2003-776	A 20030522
			DK 2003-777	A 20030522
			US 2003-474421P	P 20030530
			US 2003-475157P	P 20030602
			DK 2003-972	A 20030627
			DK 2003-988	A 20030630
			DK 2003-989	A 20030630
			DK 2003-990	A 20030630
			DK 2003-998	A 20030702
			US 2003-486078P	P 20030710
			US 2003-486094P	P 20030710
			US 2003-486095P	P 20030710
			US 2003-486097P	P 20030710
			US 2003-486098P	P 20030710
			DK 2003-1910	A 20031222
			DK 2004-9	A 20040106
			US 2004-537099P	P 20040116
			WO 2004-DK254	W 20040406

OTHER SOURCE(S): MARPAT 141:360694

L4 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:267168 CAPLUS Full-text
DOCUMENT NUMBER: 140:309365
TITLE: Surface dissolution and/or bulk erosion controlled

release pharmaceutical compositions
 INVENTOR(S): Shefer, Adi; Shefer, Samuel David
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 21 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004062778	A1	20040401	US 2002-255289	20020926
WO 2004043513	A2	20040527	WO 2003-US29401	20030917
WO 2004043513	A3	20040805		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003272537	A1	20040603	AU 2003-272537	20030917
EP 1553926	A2	20050720	EP 2003-754724	20030917
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			US 2002-255289	A 20020926
			WO 2003-US29401	W 20030917

L4 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2004:189185 CAPLUS Full-text
 DOCUMENT NUMBER: 140:391426
 TITLE: Highly potent and long-acting trimeric and tetrameric inhibitors of influenza virus neuraminidase
 AUTHOR(S): Watson, Keith G.; Cameron, Rachel; Fenton, Rob J.; Gower, David; Hamilton, Stephanie; Jin, Betty; Krippner, Guy Y.; Luttick, Angela; McConnell, Darryl; MacDonald, Simon J. F.; Mason, Andy M.; Nguyen, Van; Tucker, Simon P.; Wu, Wen-Yang
 CORPORATE SOURCE: School of Chemistry, Biota Chemistry Laboratory, Monash University, Victoria, 3800, Australia
 SOURCE: Bioorganic & Medicinal Chemistry Letters (2004), 14(6), 1589-1592
 CODEN: BMCLE8; ISSN: 0960-894X
 PUBLISHER: Elsevier Science B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 140:391426
 REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:610480 CAPLUS Full-text
 DOCUMENT NUMBER: 139:143932
 TITLE: A method for inhibiting 'melanoma inhibitory activity' MIA
 INVENTOR(S): Bosserhoff, Anja-Katrin; Buettner, Reinhard; Szyrach,

PATENT ASSIGNEE(S): Mara; Auerbach, Guenter; Jachimczak, Piotr;
 SOURCE: Schlingensiepen, Karl-Hermann
 Antisense Pharma G.m.b.H., Germany
 PCT Int. Appl., 26 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003064457	A1	20030807	WO 2002-EP893	20020129
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1472279	A1	20041103	EP 2002-718055	20020129
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2005528338	T	20050922	JP 2003-564077	20020129
US 2006128607	A1	20060615	US 2005-502771	20050311
PRIORITY APPLN. INFO.:			WO 2002-EP893	W 20020129
REFERENCE COUNT: 2			THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L4 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:380254 CAPLUS Full-text
 DOCUMENT NUMBER: 139:192728
 TITLE: Effect of dietary fumonisin B1 on certain immune parameters of weaned pigs
 AUTHOR(S): Tornyo, G.; Kovacs, Melinda; Rusvai, M.; Horn, P.; Fodor, J.; Kovacs, F.
 CORPORATE SOURCE: Faculty of Animal Science, University of Kaposvar, Kaposvar, H-7400, Hung.
 SOURCE: Acta Veterinaria Hungarica (2003), 51(2), 171-179
 CODEN: AVHUEA; ISSN: 0236-6290
 PUBLISHER: Akademiai Kiado
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:638332 CAPLUS Full-text
 DOCUMENT NUMBER: 137:169789
 TITLE: Preparation of novel succinate compounds as peptide deformylase inhibitors
 INVENTOR(S): Patel, Dinesh; Jacobs, Jeffrey W.; Jain, Rakesh; Ni, Zhi-jie; Yuan, Zhengyu
 PATENT ASSIGNEE(S): Vicuron Pharmaceuticals Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 84 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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US 2002115863	A1	20020822	US 2000-738859	20001213
US 6797820	B2	20040928		
PRIORITY APPLN. INFO.:			US 2000-738859	20001213
OTHER SOURCE(S):	MARPAT 137:169789			
REFERENCE COUNT:	208	THERE ARE 208 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L4 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:185110 CAPLUS Full-text
DOCUMENT NUMBER: 136:247832
TITLE: Preparation of sialic acid dendrimers as multivalent
neuraminidase inhibitors and anti-influenza
agents
INVENTOR(S): Wu, Wen-Yang; Dowle, Michael Dennis; Jin, Betty;
Macdonald, Simon John Fawcett; Mason, Andrew
McMurtrie; McConnell, Darryl; Watson, Keith
PATENT ASSIGNEE(S): Biota Scientific Management Pty. Ltd., Australia
SOURCE: PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2002020514	A1	20020314	WO 2001-AU1128	20010907
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,				
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,				
PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,				
US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2416336	A1	20020314	CA 2001-2416336	20010907
AU 200185601	A	20020322	AU 2001-85601	20010907
EP 1315719	A1	20030604	EP 2001-964755	20010907
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001013755	A	20030708	BR 2001-13755	20010907
JP 2004507564	T	20040311	JP 2002-525135	20010907
IN 2003KN00018	A	20050311	IN 2003-KN18	20030103
US 2004058853	A1	20040325	US 2003-363988	20031014
US 7205333	B2	20070417		
PRIORITY APPLN. INFO.:			AU 2000-10	A 20000908
			WO 2001-AU1128	W 20010907
OTHER SOURCE(S):	MARPAT 136:247832			
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L4 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:453007 CAPLUS Full-text
 DOCUMENT NUMBER: 135:61546
 TITLE: Preparation of novel succinate compounds as peptide deformylase inhibitors
 INVENTOR(S): Jain, Rakesh; Ni, Zhi-jie; Patel, Dinesh V.; Yuan, Zhengyu
 PATENT ASSIGNEE(S): Versicor, Inc., USA; Jacobs, Jeffrey, W.
 SOURCE: PCT Int. Appl., 187 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2001044179	A1	20010621	WO 2000-US34128	20001213
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2393825	A1	20010621	CA 2000-2393825	20001213
EP 1237862	A1	20020911	EP 2000-986446	20001213
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003534239	T	20031118	JP 2001-545267	20001213
PRIORITY APPLN. INFO.:			US 1999-466402	A1 19991217
			WO 2000-US34128	W 20001213
OTHER SOURCE(S):			MARPAT 135:61546	
REFERENCE COUNT:			15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L4 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2001:380438 CAPLUS Full-text
 DOCUMENT NUMBER: 135:24657
 TITLE: Selective cellular targeting: multifunctional delivery vehicles
 INVENTOR(S): Glazier, Arnold
 PATENT ASSIGNEE(S): Drug Innovation & Design, Inc., USA
 SOURCE: PCT Int. Appl., 981 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2001036003	A2	20010525	WO 2000-US31262	20001114
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2391534 A1 20010525 CA 2000-2391534 20001114
 AU 2001016075 A5 20010530 AU 2001-16075 20001114
 EP 1255567 A1 20021113 EP 2000-978631 20001114

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

US 2003138432 A1 20030724 US 2000-738625 20001215

PRIORITY APPLN. INFO.: US 1999-165485P P 19991115
 US 2000-239478P P 20001011
 US 2000-241937P P 20001020
 WO 2000-US31262 W 20001114
 US 2000-712465 B1 20001115

L4 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2000:425073 CAPLUS Full-text
 DOCUMENT NUMBER: 133:204029
 TITLE: The individual and combined effects of fumonisin B1
 and moniliformin on performance and selected immune
 parameters in turkey poults
 AUTHOR(S): Li, Y. C.; Ledoux, D. R.; Bermudez, A. J.; Fritsche,
 K. L.; Rottinghaus, G. E.
 CORPORATE SOURCE: Department of Animal Sciences, College of Agriculture,
 College of Veterinary Medicine, University of
 Missouri, Columbia, MO, 65211, USA
 SOURCE: Poultry Science (2000), 79(6), 871-878
 CODEN: POSCAL; ISSN: 0032-5791
 PUBLISHER: Poultry Science Association, Inc.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2000:227676 CAPLUS Full-text
 DOCUMENT NUMBER: 132:250004
 TITLE: Ligand presenting assembly (LPA), method of
 preparation and uses thereof
 INVENTOR(S): Holm, Arne; Jorgensen, Rikke Malene; Ostergaard,
 Soren; Theisen, Michael
 PATENT ASSIGNEE(S): Statens Serum Institut, Den.
 SOURCE: PCT Int. Appl., 100 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000018791	A1	20000406	WO 1999-DK510	19990929
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				

CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9960783	A1	20000417	AU 1999-60783	19990929
EP 1117677	A1	20010725	EP 1999-947256	19990929
EP 1117677	B1	20031112		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, MC, IE, SI, LT, LV, FI, RO

AT 254137	T	20031115	AT 1999-947256	19990929
US 2004086949	A1	20040506	US 2003-724233	20031201

PRIORITY APPLN. INFO.: DK 1998-1233 A 19980929
US 1999-408578 B1 19990929
WO 1999-DK510 W 19990929

OTHER SOURCE(S): MARPAT 132:250004

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:655784 CAPLUS Full-text

DOCUMENT NUMBER: 132:60338

TITLE: Effects of fumonisin B1 on selected immune responses in broiler chicks

AUTHOR(S): Li, Y. C.; Ledoux, D. R.; Bermudez, A. J.; Fritsche, K. L.; Rottinghaus, G. E.

CORPORATE SOURCE: Department of Animal Sciences, College of Agriculture, University of Missouri, Columbia, MO, 65211, USA

SOURCE: Poultry Science (1999), 78(9), 1275-1282
CODEN: POSCAL; ISSN: 0032-5791

PUBLISHER: Poultry Science Association, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:529160 CAPLUS Full-text

DOCUMENT NUMBER: 131:165335

TITLE: Sphingolipid derivatives, their preparation, and their therapeutic use

INVENTOR(S): Liotta, Dennis C.; Merrill, Alfred H., Jr.; Keane, Thomas E.; Schmelz, Eva M.; Bhalla, Kapil N.

PATENT ASSIGNEE(S): Emory University, USA

SOURCE: PCT Int. Appl., 140 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9941266	A1	19990819	WO 1999-US3093	19990212
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2320117	A1	19990819	CA 1999-2320117	19990212
AU 9927644	A	19990830	AU 1999-27644	19990212
AU 765809	B2	20031002		
EP 1053243	A1	20001122	EP 1999-908143	19990212

R: DE, FR, GB, IT, IE

US 6610835	B1	20030826	US 1999-249211	19990212
AU 2003235051	A1	20030911	AU 2003-235051	20030814
US 2004039212	A1	20040226	US 2003-647801	20030825

PRIORITY APPLN. INFO.:
 US 1998-74536P P 19980212
 AU 1999-27644 A3 19990212
 US 1999-249211 A1 19990212
 WO 1999-US3093 W 19990212

OTHER SOURCE(S): MARPAT 131:165335

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:958459 CAPLUS Full-text

DOCUMENT NUMBER: 124:7065

TITLE: Biochemically active agents for chemical catalysis and cell receptor activation

INVENTOR(S): Kossovsky, Nir; Sponsler, Edward; Gelman, Andrew; Rajguru, Samir

PATENT ASSIGNEE(S): The Regents of the University of California, USA

SOURCE: U.S., 13 pp. Cont.-in-part of U.S. 5,334,394.
 CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 10

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
US 5460830	A	19951024	US 1993-145870	19931101
US 5219577	A	19930615	US 1990-542255	19900622
US 5178882	A	19930112	US 1991-690601	19910424
JP 05255111	A	19931005	JP 1991-178805	19910624
JP 2932406	B2	19990809		
US 5334394	A	19940802	US 1993-199	19930104
US 5462750	A	19951031	US 1994-225100	19940408
CA 2174244	A1	19950511	CA 1994-2174244	19941031
WO 9512392	A1	19950511	WO 1994-US12515	19941031
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 726767	A1	19960821	EP 1995-901094	19941031
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
JP 09504790	T	19970513	JP 1994-513349	19941031

PRIORITY APPLN. INFO.:
 US 1990-542255 A2 19900622
 US 1991-690601 A2 19910424
 US 1993-199 A2 19930104
 US 1993-986 B1 19930106
 US 1993-145870 A 19931101
 US 1993-146536 A 19931101
 US 1993-147751 A 19931104
 WO 1994-US12515 W 19941031

L4 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:656330 CAPLUS Full-text

DOCUMENT NUMBER: 121:256330

TITLE: Preparation of acidic derivatives of homocysteine thiolactone and their use for preparation of AIDS vaccines.

INVENTOR(S): Tolman, Richard L.; Marburg, Stephen; Leanza, William J.

PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: U.S., 12 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5274122	A	19931228	US 1992-963324	19921015
PRIORITY APPLN. INFO.:			US 1992-963324	19921015

L4 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:555744 CAPLUS Full-text
DOCUMENT NUMBER: 121:155744
TITLE: HIV peptide conjugated via anionic spacer to protein
as vaccine
INVENTOR(S): Tolman, Richard L.; Marburg, Stephen; Leanza, William
J.; Lombardo, Victoria K.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: Brit. UK Pat. Appl., 73 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 2271995	A	19940504	GB 1993-20943	19931012
PRIORITY APPLN. INFO.:			US 1992-963327	A 19921015
OTHER SOURCE(S):		MARPAT 121:155744		

L4 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1955:69562 CAPLUS Full-text
DOCUMENT NUMBER: 49:69562
ORIGINAL REFERENCE NO.: 49:13355a-b
TITLE: Development of influenza virus and pH of the
allantoic fluid of embryonated eggs. IV. Inhibiting
action of acid substances
AUTHOR(S): Fauconnier, B.
CORPORATE SOURCE: Inst. Pasteur, Paris
SOURCE: Ann. inst. Pasteur (1955), 89, 101-10
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

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DICTIONARY FILE UPDATES: 22 APR 2007 HIGHEST RN 931834-80-9

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L9 TRANSFER L8 1- RN : 63 TERMS
L10 63 L9

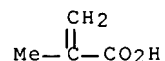
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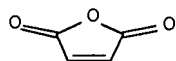
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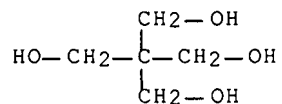


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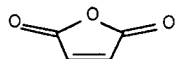
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CM 1



CM 2



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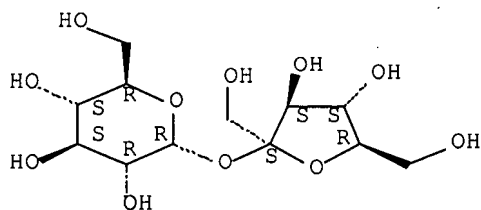
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Absolute stereochemistry.

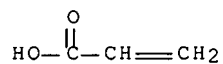


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